

SIKKIM



GOVERNMENT

GAZETTE

**EXTRAORDINARY
PUBLISHED BY AUTHORITY**

Gangtok

Tuesday 15th November, 2016

No. 431

**GOVERNMENT OF SIKKIM
FORESTS, ENVIRONMENT AND WILDLIFE MANAGEMENT DEPARTMENT
DEORALI, GANGTOK-737102**

No. 268/GOS/FEWMD/Pr.Secy-PCCF

Dated: 07.11.2016

NOTIFICATION

With the approval of the Government, the Forests, Environment & Wildlife Management Department is hereby pleased to revise and fix the schedule of rates for various logging and conversion works as under, with effect from 1st October 2016.

| Sl. No. | Items of Work | Unit | Rate (SOR 2016) | Remarks |
|---------|---|------|-----------------|--|
| I(a) | Conversion of logs into timber in Govt. saw-mill (Departmental conversion) | | | Inclusive of loading, unloading, headload carriage |
| a | Class 'A' - Hardwood Species | cft | Rs. 100.00 | |
| b | Class 'B' - Medium Hardwood Species | cft | Rs. 85.00 | |
| c | Class 'C' - Softwood species | cft | Rs. 70.00 | |
| I(b) | Conversion of logs into timber in Govt. saw-mill (Conversion for Private party) | | | Headload carriage, loading & unloading done by private |
| a | Class 'A' - Hardwood Species | cft | Rs. 55.00 | |
| b | Class 'B' - Medium Hardwood Species | cft | Rs. 50.00 | |
| c | Class 'C' - Softwood species | cft | Rs. 45.00 | |
| II | Thinning operation undertaken by Utilization Division | | | Exclusive of transportation by mechanical means. |
| a | Moderate Terrain | | | |
| | Low Altitude | no. | Rs. 165.00 | |
| | High Altitude | no. | Rs. 250.00 | |

| | | | | | | |
|-----|---|------|--------------|------------|----------------|---|
| b | Difficult Terrain | no. | | | | |
| | Low Altitude | no. | Rs. 200.00 | | | |
| | High Altitude | no. | Rs. 300.00 | | | |
| III | Extraction of logs & poles | | | | | Exclusive of transportation by mechanical means. |
| a | Moderate Terrain | | | | | |
| | Low Altitude | cft | Rs. 280.00 | | | |
| | High Altitude | cft | Rs. 420.00 | | | |
| b | Difficult Terrain | | | | | |
| | Low Altitude | cft | Rs. 345.00 | | | |
| | High Altitude | cft | Rs. 510.00 | | | |
| IV | Conversion of one pile firewood by Utilization Division | | | | | Exclusive of transportation by mechanical means. |
| a | Mixed Species | | | | | |
| | Low Altitude | pile | Rs. 580.00 | | | |
| | High Altitude | pile | Rs. 870.00 | | | |
| b | Hardwood species Low Altitude | pile | Rs. 765.00 | | | |
| | High Altitude | pile | Rs. 1,150.00 | | | |
| V | Manufacture of charcoal per bag (one bag = 40kg) | bag | Rs. 315.00 | | | |
| VI | Removal of Posing danger trees | | Easy | Moderate | Very difficult | Responsibility of determining operational difficulty level lies with the DFO (Utilisation Division) |
| a | Girth 3' to 5' | no. | Rs. 8,845 | Rs. 14,682 | Rs. 19,527 | |
| b | Girth 5' to 7' | no. | Rs. 14,740 | Rs. 19,605 | Rs. 26,074 | |
| c | Girth 7' to 8' | no. | Rs. 21,083 | Rs. 28,041 | Rs. 37,294 | |
| d | Girth 8' to 9' | no. | Rs. 23,193 | Rs. 30,846 | Rs. 41,026 | |
| e | Girth 9' to 10' | no. | Rs. 27,409 | Rs. 36,455 | Rs. 48,485 | |
| VII | Carriage of Forest Produce by Mechanical Means | | | | | Basis for carriage rates proposed is 200cft for |
| a | Within a distance of 0 to 5 km | cft | Rs. 8 | | | |
| b | Within a distance of 5 to 10 km | cft | Rs. 11 | | | |

| | | | | |
|---|------------------------------------|-----|--------|--|
| c | Within a distance of 10 to 15 km | cft | Rs. 13 | timber or 6 piles of firewood or 100 cfts of logs & poles in one truckload |
| d | Within a distance of 15 to 20 km | cft | Rs. 16 | |
| e | Within a distance of 20 to 30 km | cft | Rs. 22 | |
| f | Within a distance of 30 to 40 km | cft | Rs. 28 | |
| g | Within a distance of 40 to 50 km | cft | Rs. 33 | |
| h | Within a distance of 50 to 60 km | cft | Rs. 39 | |
| i | Within a distance of 60 to 75 km | cft | Rs. 47 | |
| j | Within a distance of 75 to 90 km | cft | Rs. 56 | |
| k | Within a distance of 90 to 105 km | cft | Rs. 64 | |
| l | Within a distance of 105 to 120 km | cft | Rs. 73 | |

By order and in the name of the Governor.

**Dr. Thomas Chandy, IFS
Principal Secretary-cum-PCCF
Forests, Environment & Wildlife Management Department**

I (a). **Conversion of logs into timber in saw-mill at Chuba (Departmental conversion)**

Class 'A'-Hardwood Species (Pakhasaj, Sal, Katus, Teak, Sour, Buk, Kimbu, Phalat, Sissam, Panisaj)

| Sl. No. | Items of Work | Unit | Total Rate (in Rs.) |
|---------|---|------|---------------------|
| 1 | Logging of logs manually from logyard to saw bench | cft | 15.90 |
| 2 | Sawing/cutting of logs at saw mill i/c lift & lead | sft | 31.80 |
| 3 | Collection, segregation, stacking of timber & other | cft | 13.20 |
| 4 | Headload carriage of timber from stock to roadhead | cft | 9.90 |
| 5 | Loading/unloading including rearrangement of timber | cft | 26.40 |
| 6 | Cost of implements or cost of preparation of implements | LS | 5.00 |
| 7 | Contingencies for unforeseen expenditure @ 2 % | | 2.04 |

Total 104.24

Add. Provision for Labour Cess @ 1 % of the Total Amount 1.04

105.29

Say Rs. 100.00

Class 'B' - Medium Hardwood Species (Chekrasi, Khamari, Tarpin, Malagiri, Chilawney, Lampatey, Champ, Tooni & Okher)

| Sl. No. | Items of Work | Unit | Total Rate (in Rs.) |
|---------|---|------|---------------------|
| 1 | Rolling of logs manually from logyard to saw bench | cft | 13.25 |
| 2 | Sawing/cutting of logs at saw mill i/c lift & lead | sft | 26.50 |
| 3 | Collection, segregation, stacking of timber & other | cft | 11.00 |
| 4 | Headload carriage of timber from stock to roadhead | cft | 8.25 |
| 5 | Loading/unloading including rearrangement of timber | cft | 22.00 |
| 6 | Cost of implements or cost of preparation of implements | LS | 5.00 |
| 7 | Contingencies for unforeseen expenditure @ 2 % | | 1.72 |

Total 87.72

Add. Provision for Labour Cess @ 1 % of the Total Amount 0.88

88.60

Say Rs. 85.00

Class 'C' - Softwood species (Chirpine, Kawla, Utis, Dhupi, Silver Oak, Gokul, Kadam, Simal, Maina, Mahwa, Cherry, Phusurey Champ, Siris, Lapshi & all species not mentioned above)

| Sl. No. | Items of Work | Unit | Total Rate (in Rs.) |
|---------|---|------|---------------------|
| 1 | Rolling of logs manually from logyard to saw bench | cft | 10.60 |
| 2 | Sawing/cutting of logs at saw mill i/c lift & lead | sft | 21.20 |
| 3 | Collection, segregation, stacking of timber & other | cft | 8.80 |
| 4 | Headload carriage of timber from stock to roadhead | cft | 6.60 |

| | | | |
|---|---|-----|-------|
| 5 | Loading/unloading including rearrangement of timber | cft | 17.60 |
| 6 | Cost of implements or cost of preparation of implements | LS | 5.00 |
| 7 | Contingencies for unforeseen expenditure @ 2 % | | 1.40 |

Total 71.20

Add. Provision for Labour Cess @ 1 % of the Total Amount

0.71

71.91

Say Rs. 70.00

I (b). Conversion of logs into timber in saw-mill at Chuba (Conversion for pvt. party)

Class 'A'-Hardwood Species (Pakhasaj, Sal, Katus, Teak, Sour, Buk, Kimbu, Phalat, Sissam, Panisaj)

| Sl. No. | Items of Work | Unit | Total Rate (in Rs.) |
|---------|---|------|---------------------|
| 1 | Logging of logs manually from logyard to saw bench | cft | 15.90 |
| 2 | Sawing/cutting of logs at saw mill i/c lift & lead | sft | 31.80 |
| 3 | Collection, segregation, stacking of timber & other | cft | 13.20 |
| 4 | Headload carriage of timber from stock to roadhead | cft | 0.00 |
| 5 | Loading/unloading including rearrangement of timber | cft | 0.00 |
| 6 | Cost of implements or cost of preparation of implements | LS | 5.00 |
| 7 | Contingencies for unforeseen expenditure @ 2 % | | 1.32 |

Total 67.22

Add. Provision for Labour Cess @ 1 % of the Total Amount

0.67

67.89

Say Rs. 55.00

Class 'B' - Medium Hardwood Species (Chekrasi, Khamari, Tarpin, Malagiri, Chilawney, Lampatey, Champ, Tooni & Okher)

| Sl. No. | Items of Work | Unit | Total Rate (in Rs.) |
|---------|---|------|---------------------|
| 1 | Rolling of logs manually from logyard to saw bench | cft | 13.25 |
| 2 | Sawing/cutting of logs at saw mill i/c lift & lead | sft | 26.50 |
| 3 | Collection, segregation, stacking of timber & other | cft | 11.00 |
| 4 | Headload carriage of timber from stock to roadhead | cft | 0.00 |
| 5 | Loading/unloading including rearrangement of timber | cft | 0.00 |
| 6 | Cost of implements or cost of preparation of implements | LS | 5.00 |
| 7 | Contingencies for unforeseen expenditure @ 2 % | | 1.12 |

Total 56.87

Add. Provision for Labour Cess @ 1 % of the Total Amount

0.57

57.43

Say Rs. 50.00

Class 'C' - Softwood species (Chirpine, Kawla, Utis, Dhupi, Silver Oak, Gokul, Kadam, Simal, Maina, Mahwa, Cherry, Phusurey Champ, Siris, Lapshi & all species not mentioned above)

| Sl. No. | Items of Work | Unit | Total Rate (in Rs.) |
|--------------|---|------|---------------------|
| 1 | Rolling of logs manually from logyard to saw bench | cft | 10.60 |
| 2 | Sawing/cutting of logs at saw mill i/c lift & lead | sft | 21.20 |
| 3 | Collection, segregation, stacking of timber & other | cft | 8.80 |
| 4 | Headload carriage of timber from stock to roadhead | cft | 0.00 |
| 5 | Loading/unloading including rearrangement of timber | cft | 0.00 |
| 6 | Cost of implements or cost of preparation of implements | LS | 5.00 |
| 7 | Contingencies for unforeseen expenditure @ 2 % | | 0.91 |
| Total | | | 46.51 |

Add. Provision for Labour Cess @ 1 % of the Total Amount 0.47
46.98
Say Rs. 45.00

II. Thinning operation undertaken by Utilization Division

Moderate Terrain

| Sl. No. | Items of Work | Unit | Total Rate in Rs. | |
|--------------|--|------|-------------------|---------------|
| | | | Low Altitude | High Altitude |
| 1 | Cutting & clearing of vegetation around each tree to be felled. | no. | 7.70 | 11.55 |
| 2 | Cutting, lopping, felling of trees & pruning of branches & twigs of each tree | no. | 26.50 | 39.75 |
| 3 | Logging in required size of ballies by 2 labs with cross-cut saw | no. | 55.00 | 82.5 |
| 4 | Dragging, rolling, sliding of ballies from worksite to nearest stock-site upto 100 mtrs. | no. | 27.50 | 41.25 |
| 5 | Headload carriage of ballies from stock-site to road head upto 100m | no. | 11.00 | 16.5 |
| 6 | Loading of ballies/poles on truck | no. | 11.00 | 16.5 |
| 7 | Unloading of ballies and restacking in a safe place | no. | 15.40 | 23.1 |
| 8 | Cost of carriage by Truck | no. | 0.00 | 0 |
| 9 | Cost of implements & accessories | LS | 8.00 | 12 |
| 10 | Contingencies for unforeseen expenditure @ 2 % | | 3.24 | 4.86 |
| Total | | | 165.34 | 248.01 |

Add. Provision for Labour Cess @ 1 % of the Total Amount 1.65 2.48

*Note: Separate SOR for Carriage/Transportation prepared hence not included in this rate

167.00 250.49
Rs. 165.00 Rs. 250.00

Difficult Terrain

| Sl. No. | Items of Work | Unit | Total Rate in Rs. | |
|--------------|--|------|-------------------|---------------|
| | | | Low Altitude | High Altitude |
| 1 | Cutting & clearing of vegetation around each tree to be felled. | no. | 9.63 | 14.44 |
| 2 | Cutting, lopping, felling of trees & pruning of branches & twigs of each tree | no. | 33.13 | 49.69 |
| 3 | Logging in required size of ballies by 2 labs with cross-cut saw | no. | 68.75 | 103.13 |
| 4 | Dragging, rolling, sliding of ballies from worksite to nearest stock-site upto 100 mtrs. | no. | 34.38 | 51.56 |
| 5 | Headload carriage of ballies from stock-site to road head upto 100m | no. | 13.75 | 20.63 |
| 6 | Loading of ballies/poles on truck | no. | 13.75 | 20.63 |
| 7 | Unloading of ballies and restacking in a safe place | no. | 19.25 | 28.88 |
| 8 | Cost of carriage by Truck | no. | 0.00 | 0.00 |
| 9 | Cost of implements & accessories | LS | 8.00 | 12.00 |
| 10 | Contingencies for unforeseen expenditure @ 2 % | | 4.01 | 6.02 |
| Total | | | 204.64 | 306.96 |

Add. Provision for Labour Cess @ 1 % of the Total Amount

2.05 3.07

*Note: Separate SOR for Carriage/Transportation prepared hence not included in this rate

206.68 310.03
Rs. 200.00 Rs. 300.00 Say

III. Extraction and Transportation of logs & poles

Moderate Terrain

| Sl. No. | Items of Work | Unit | Total Rate in Rs. | |
|---------|--|------|-------------------|---------------|
| | | | Low Altitude | High Altitude |
| 1 | Cutting, felling of trees and pruning & lopping operation by skilled labs | cft | 70.09 | 105.13 |
| 2 | Logging of required size of logs and ballies by unskilled labs | cft | 55.00 | 82.50 |
| 3 | Dragging, rolling, sliding of ballies & logs from worksite to nearest loading site | cft | 41.25 | 61.88 |
| 4 | Headload carriage upto road head b by unskilled labs. | cft | 27.50 | 41.25 |

| | | | | |
|----|--|--|------|-------|
| 10 | Contingencies for unforeseen expenditure @ 2 % | | 6.71 | 10.06 |
|----|--|--|------|-------|

Total 342.10 513.15

Add. Provision for Labour Cess @ 1 % of the Total Amount 3.42 5.13

Note: Separate SOR for Carriage/Transportation prepared hence not included in this rate* **345.52 518.29
Rs. 345.00 Rs. 510.00 Say

IV. Conversion of one pile firewood by Utilization Division

Mixed Species

| Sl. No. | Items of Work | Unit | Total Rate in Rs. | |
|---------|---|---------|-------------------|---------------|
| | | | Low Altitude | High Altitude |
| 1 | Cutting/felling of trees/poles including pruning of branches and tops by axe/saw | Pile | 110.00 | 165.00 |
| 2 | Resizing, splitting of logs/branches into required shape & size | Pile | 110.00 | 165.00 |
| 3 | Piling of firewood into standard size 5'x5'x2.5' | Pile | 55.00 | 82.50 |
| 4 | Headload carriage of firewood from work site to road-site upto 300 mtrs | Pile | 55.00 | 82.50 |
| 5 | Loading of firewood on truck at worksite and unloading and rearrangement at store | Pile | 220.00 | 330.00 |
| 6 | Transportation by truck | 8 piles | 0.00 | 0.00 |
| 7 | Cost or hire charge of implements & accessories | LS | 14.00 | 21.00 |
| 8 | Contingencies for unforeseen expenditure @ 2 % | | 11.28 | 16.92 |

Total 575.28 862.92

Add. Provision for Labour Cess @ 1 % of the Total Amount 5.75 8.63

Note: Separate SOR for Carriage/Transportation prepared hence not included in this rate* **581.03 871.55
Rs. 580.00 Rs. 870.00

Hardwood species

| Sl. No. | Items of Work | Unit | Total Rate in Rs. | |
|---------|--|------|-------------------|---------------|
| | | | Low Altitude | High Altitude |
| 1 | Cutting/felling of trees/poles including pruning of branches and tops by axe/saw | Pile | 146.30 | 219.45 |
| 2 | Resizing, splitting of logs/branches into required shape & size | Pile | 146.30 | 219.45 |
| 3 | Piling of firewood into standard size 5'x5'x2.5' | Pile | 73.15 | 109.73 |
| 4 | Headload carriage of firewood from work site to road-site upto 300 mtrs | Pile | 73.15 | 109.73 |

| | | | | |
|---|---|---------|--------|--------|
| 5 | Loading of firewood on truck at worksite and unloading and rearrangement at store | Pile | 292.60 | 438.90 |
| 6 | Transportation by truck | 8 piles | 0.00 | 0.00 |
| 7 | Cost or hire charge of implements & accessories | LS | 14.00 | 21.00 |
| 8 | Contingencies for unforeseen expenditure @ 2 % | | 14.91 | 22.37 |

Total 760.41 1,140.62

Add. Provision for Labour Cess @ 1 % of the Total Amount **7.60 11.41**

Note: Separate SOR for Carriage/Transportation prepared hence not included in this rate* **768.01 1,152.02
Rs. 765.00 Rs. 1,150.00 Say

V. Manufacture of charcoal

| Sl. No. | Items of Work | Unit | Total Rate in Rs. |
|---------|--|------|-------------------|
| 1 | Cutting, felling of dead dying diseased trees/ ballies into billets by 3 hrs of unskilled labour | bag | 82.50 |
| 2 | Digging for making charcoal kiln with stocking of logs/ballies, branches, etc. i/c covering of kiln and adding logs/ballies with mud covering by 2 hrs of skilled labour | bag | 106.00 |
| 3 | Burning of kiln and adding logs/ballies with mud covering 2 hrs of skilled labourers | bag | 53.00 |
| 4 | Extinguishing and filling of charcoal into gunny bags using unskilled labour | bag | 4.40 |
| 5 | Carriage upto roadside | bag | 11.00 |
| 6 | Loading and unloading charge of unskilled labours | bag | 13.20 |
| 7 | Cost of gunny bag as per prevailing rate | bag | 35.00 |
| 10 | Contingencies for unforeseen expenditure @ 2 % | | 6.10 |

Total 311.20

Add. Provision for Labour Cess @ 1 % of the Total Amount **3.11**

314.31
Say Rs. 315.00

VI. Schedule of Rate for Felling & Logging of Trees Posing Threat to Person & Property under Utilization Division

| Sl. No. | Girth class | Total Rate in Rs. | | |
|---------|-------------|-------------------|------------------------------|------------------------------------|
| | | Easy | Moderate (33% additional) | Very difficult (66% additional) |
| 1 | 3' to 5' | Rs. 8,845 | Rs. 14,682 | Rs. 19,527 |
| 2 | 5' to 7' | Rs. 14,740 | Rs. 19,605 | Rs. 26,074 |
| 3 | 7' to 8' | Rs. 21,083 | Rs. 28,041 | Rs. 37,294 |
| 4 | 8' to 9' | Rs. 23,193 | Rs. 30,846 | Rs. 41,026 |
| 5 | 9' to 10' | Rs. 27,409 | Rs. 36,455 | Rs. 48,485 |

- Note:**
1. Basis of expenditure is for engagement of high skilled loggers for removal of posing danger trees around town areas, National Highways, heavy traffic road side, densely populated areas, in front of institutions, quarters, offices and other areas which pose danger to human life and property.
 2. The rates will be categorised into easy, moderate and very difficult taking into account the following factors:-
 - a. Physical formation of tree i.e. degree of leaning, load of branch system, shape of stump & root system etc
 - b. Ingredient of land it stands on i.e. degree of slope, soil structure, vibration effect from traffic movement etc.
 - c. Locality factor i.e. presence of valuable structure, human habitation, density of commuters etc.in the precinct
 - d. Time factor i.e. work time wasted by traffic movement, commuters, difficulty in climbing or moving of logs
 - e. Organizing factors like level of cooperation from public, Police & other departments like Power,PHE.PWD and other public or private institutions concerned
 3. Responsibility of determining operational difficulty level lies with the DFO (Utilisation Division).

VII. Schedule of Rate for Carriage of Forest Produce by Mechanical Means by Utilization Division of Forest, Environment & Wildlife Management Department

| Sl. No. | Specification of Distance | Unit | Total Rate in Rs. |
|---------|------------------------------------|------|-------------------|
| 1 | 2 | 3 | 4 |
| 1 | Within a distance of 0 to 5 km | cft | <u>Rs. 8</u> |
| 2 | Within a distance of 5 to 10 km | cft | <u>Rs. 11</u> |
| 3 | Within a distance of 10 to 15 km | cft | <u>Rs. 13</u> |
| 4 | Within a distance of 15 to 20 km | cft | <u>Rs. 16</u> |
| 5 | Within a distance of 20 to 30 km | cft | <u>Rs. 22</u> |
| 6 | Within a distance of 30 to 40 km | cft | <u>Rs. 28</u> |
| 7 | Within a distance of 40 to 50 km | cft | <u>Rs. 33</u> |
| 8 | Within a distance of 50 to 60 km | cft | <u>Rs. 39</u> |
| 9 | Within a distance of 60 to 75 km | cft | <u>Rs. 47</u> |
| 10 | Within a distance of 75 to 90 km | cft | <u>Rs. 56</u> |
| 11 | Within a distance of 90 to 105 km | cft | <u>Rs. 64</u> |
| 12 | Within a distance of 105 to 120 km | cft | <u>Rs. 73</u> |

- Note:**
1. Old SPWD carriage rate given in column 4 pertains to Non-Stock materials like stone & sand which do not need deft handling but Forest Produce needs deft handling, tying up for secure journey & watch for theft.
 2. Basis for carriage rates proposed is 200cft for timber or 6 piles of firewood or 100 cfts of logs & poles in one truckload